

From: mike shanahan
To: [Alcamo, Thomas](#); [Rodriguez, Charles](#); [Plsek, Robert/SAC](#)
Cc: [Drexler, Timothy](#); [Lehman, Michael/MKE](#); [Von Wallmenich, Theo/DET](#)
Subject: RE: Property owner request at [Non Responsive] Gravel Restoration versus Topsoil and Sod [EXTERNAL]
Date: Monday, March 27, 2017 9:58:58 AM

Thank you Sir,

We will work with the POA during construction to achieve his goals and meet his expectations.
Rob please make a note on the outside of the folder that this POA request has been approved by Tom.

Safest regards-

CH2M

Michael K Shanahan /SAC
Manager-Health, Safety, and Environment
Construction Manager
2485 Natomas Park Dr.
Suite 600
Sacramento, Ca
ML: 916.915.7896 (Cell)
EMAIL: michael.shanahan@ch2m.com

From: Alcamo, Thomas [mailto:alcamo.thomas@epa.gov]
Sent: Monday, March 27, 2017 7:53 AM
To: Rodriguez, Charles
Cc: Shanahan, Michael/SAC ; Drexler, Timothy
Subject: Re: Property owner request at [Non Responsive] Gravel Restoration versus Topsoil and Sod [EXTERNAL]
I approve of this request.

From: Rodriguez, Charles
Sent: Monday, March 27, 2017 7:40:26 AM
To: Alcamo, Thomas
Cc: Michael.Shanahan@CH2M.com; Drexler, Timothy
Subject: FW: Property owner request at [Non Responsive] Gravel Restoration versus Topsoil and Sod

Hi Tom,

The owner's POA for [Non Responsive] requested that EPA lay gravel in a portion of the property instead of sod, to form a driveway. CH2M ran a cost analysis and it looks like the request is cost-effective, but I wanted to run it by you first.

Please reply to Michael Shanahan if you approve of the request, or if you need more details.

Thanks!

Charles Rodriguez

From: Michael.Shanahan@CH2M.com [mailto:Michael.Shanahan@CH2M.com]
Sent: Saturday, March 25, 2017 11:09 AM
To: Rodriguez, Charles <rodriguez.charles@epa.gov>
Cc: Robert.Plsek@CH2M.com; Theo.VonWallmenich@CH2M.com; Michael.Lehman@CH2M.com; Pope, Janet <Pope.Janet@epa.gov>; Rolfes, Sarah <Rolfes.Sarah@epa.gov>; Drexler, Timothy

<drexler.timothy@epa.gov>

Subject: Property owner request at [Non Responsive] Gravel Restoration versus Topsoil and Sod

Hello Charles,

As we discussed in the field yesterday- Please see text below and attached evaluation of restoring the Upshaw property [Non Responsive] with the circular gravel driveway that he requested.

Safe regards-

CH2M

Michael K Shanahan /SAC

Manager-Health, Safety, and Environment

Construction Manager

2485 Natomas Park Dr.

Suite 600

Sacramento, Ca

ML: 916.915.7896 (Cell)

EMAIL: michael.shanahan@ch2m.com

From: Rohde, Beth/MKE

Sent: Friday, March 24, 2017 3:49 PM

To: Shanahan, Michael/SAC <Michael.Shanahan@CH2M.com>

Cc: Von Wallmenich, Theo/DET <Theo.VonWallmenich@CH2M.com>; Lehman, Michael/MKE <Michael.Lehman@CH2M.com>

Subject: Gravel Restoration versus Topsoil and Sod

The property owner at [Non Responsive] has requested restoration of an area with gravel instead of sod. Attached is a quick evaluation which shows gravel restoration is a lower cost per square foot than topsoil. SulTRAC specifications require a minimum 4-inch thickness of gravel, so the cost evaluation was prepared for 6-inches of topsoil and sod against 2-inches of backfill and 4-inches of gravel. As with any of the property owner requests, this request is subject to EPA approval, but the attached can be used when preparing the change log.

Please let me know if there are any questions.

Beth Rohde, PE

Environmental Engineer

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M 1 262 402 8026

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